

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083926.D
 Acq On : 18 Dec 2015 21:21
 Operator : UM/SJ
 Sample : G4822-01 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9878

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.362	371	374	376	rBV	190296	194507	1.91%	0.214%
2	6.647	397	399	402	rVV3	94284	224025	2.20%	0.246%
3	6.716	402	405	407	rVV	529090	813027	8.00%	0.894%
4	6.819	407	414	415	rVV3	146380	388086	3.82%	0.427%
5	6.864	415	418	419	rVV	650754	826155	8.13%	0.908%
6	6.887	419	420	422	rVV	588765	798961	7.86%	0.878%
7	6.933	422	424	425	rVV2	313902	461972	4.55%	0.508%
8	6.967	425	427	428	rVV	229604	365099	3.59%	0.401%
9	7.024	428	432	433	rVV2	705478	1713976	16.86%	1.884%
10	7.059	433	435	436	rVV	271848	364568	3.59%	0.401%
11	7.104	436	439	440	rVV2	325438	692583	6.81%	0.761%
12	7.162	440	444	445	rVV	1250555	2616894	25.75%	2.877%
13	7.184	445	446	448	rVV2	954506	1319857	12.99%	1.451%
14	7.219	448	449	451	rVV	1598299	2394343	23.56%	2.632%
15	7.264	451	453	456	rVV	1553121	3078352	30.29%	3.384%
16	7.322	456	458	460	rVV2	892937	1745572	17.17%	1.919%
17	7.425	463	467	469	rVV2	1293587	3938443	38.75%	4.330%
18	7.493	469	473	475	rVV	4267095	10163463	100.00%	11.174%
19	7.527	475	476	478	rVV	1260869	2091861	20.58%	2.300%
20	7.596	478	482	484	rVV3	1687000	4863424	47.85%	5.347%
21	7.642	484	486	487	rVV	1259175	2229720	21.94%	2.451%
22	7.687	487	490	492	rVV2	1946168	4572146	44.99%	5.027%
23	7.722	492	493	494	rVV	1170487	1271118	12.51%	1.397%
24	7.790	494	499	502	rVV5	1619267	6468487	63.64%	7.112%
25	7.859	502	505	506	rVV	2254149	4322705	42.53%	4.752%
26	7.882	506	507	509	rVV	1799458	2706162	26.63%	2.975%
27	7.927	509	511	512	rVV	2174273	3460799	34.05%	3.805%
28	7.962	512	514	515	rVV2	2086644	2974326	29.26%	3.270%
29	8.030	518	520	521	rVV	651785	1231890	12.12%	1.354%
30	8.065	521	523	525	rVV2	800325	1839408	18.10%	2.022%
31	8.156	525	531	534	rVV	4193348	8906259	87.63%	9.792%
32	8.225	534	537	539	rVV	1396016	2913121	28.66%	3.203%
33	8.259	539	540	544	rVV2	727640	1589209	15.64%	1.747%
34	8.316	544	545	547	rVV	391540	603548	5.94%	0.664%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.362	547	549	551	rVV3	368907	874039	8.60%	0.961%
36	8.453	553	557	560	rVV3	673737	1623913	15.98%	1.785%
37	8.499	560	561	563	rVV2	340732	481532	4.74%	0.529%
38	8.533	563	564	566	rVV	433236	497472	4.89%	0.547%
39	8.579	566	568	570	rVV	493465	553980	5.45%	0.609%
40	8.750	581	583	585	rVB	511315	424395	4.18%	0.467%
41	9.905	681	684	686	rVB	570334	530806	5.22%	0.584%
42	11.391	811	814	816	rBV	475513	624194	6.14%	0.686%
43	14.019	1042	1044	1047	rBV	655151	664777	6.54%	0.731%
44	15.460	1168	1170	1173	rBV	429022	537457	5.29%	0.591%

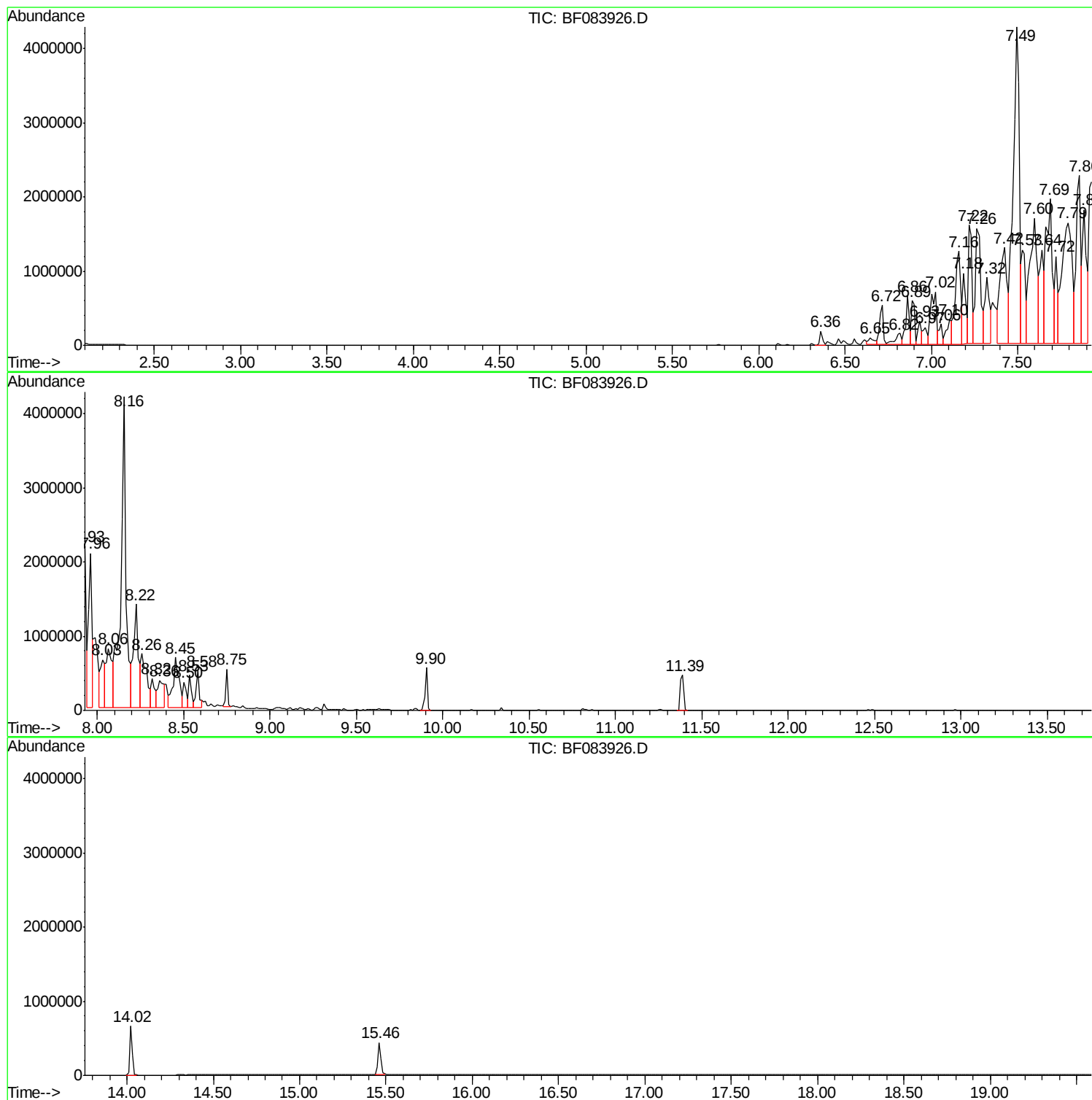
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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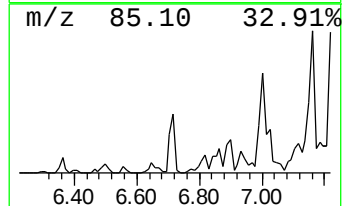
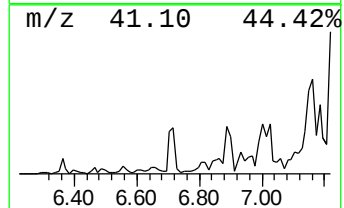
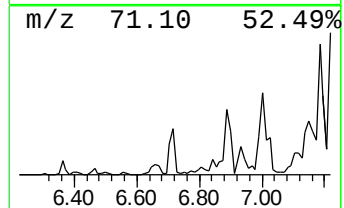
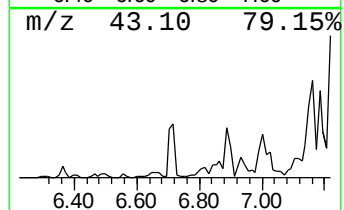
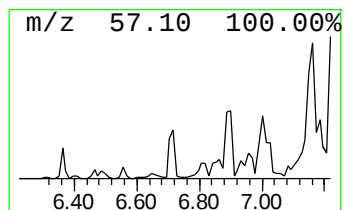
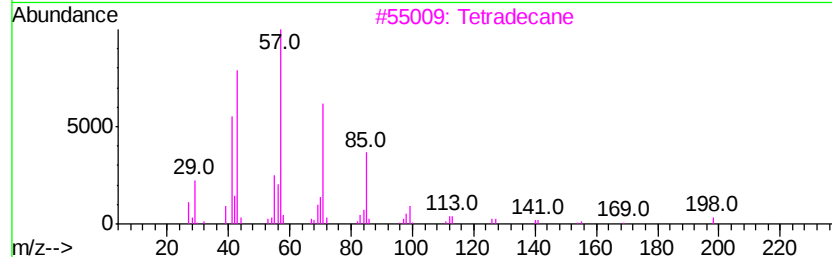
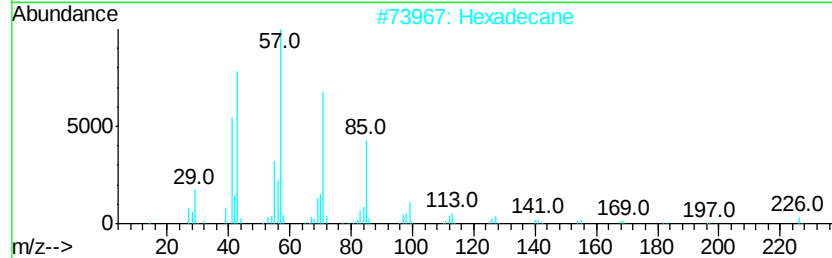
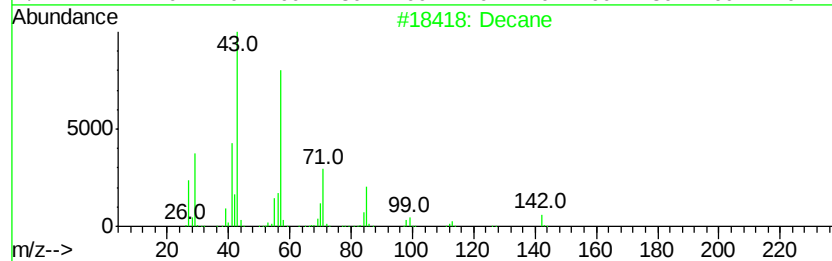
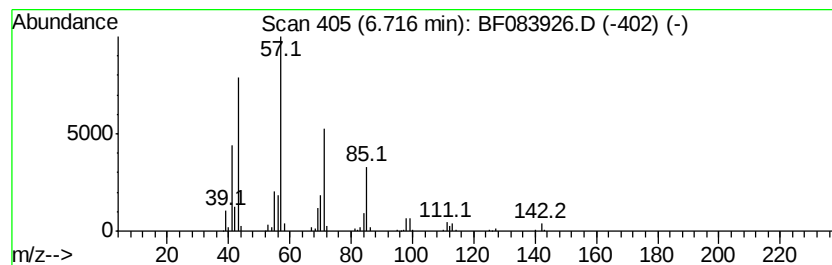
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	19.68 ng	813027	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	95
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tetradecane		198	C14H30	000629-59-4	86
4	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	72
5	Octacosane		394	C28H58	000630-02-4	64



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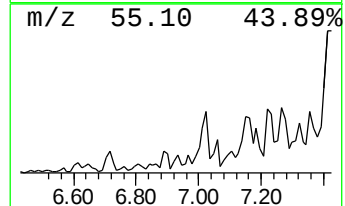
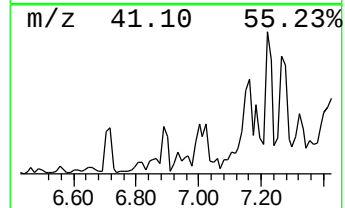
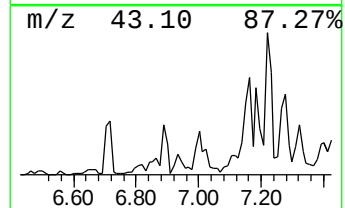
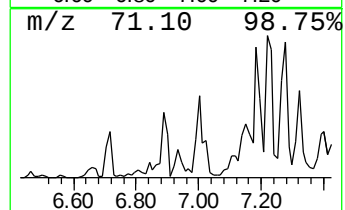
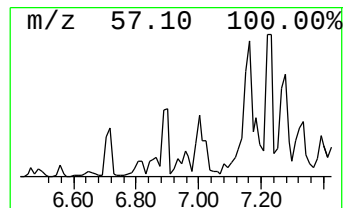
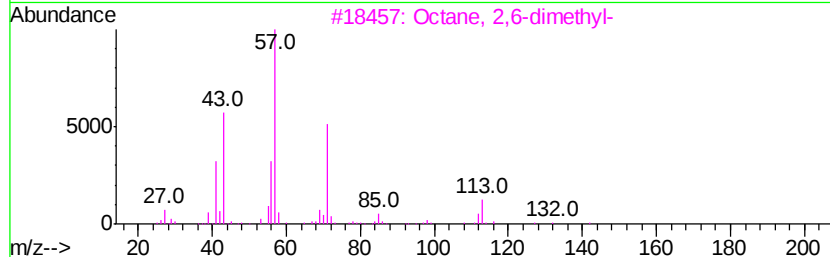
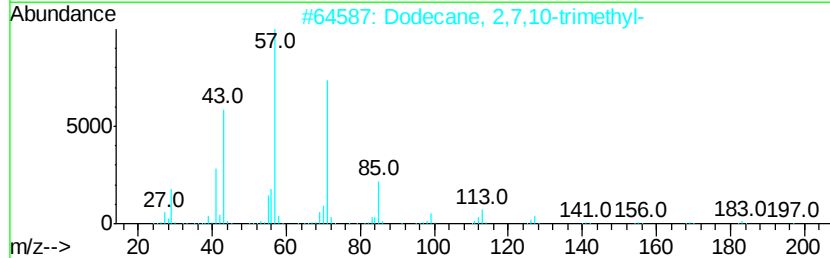
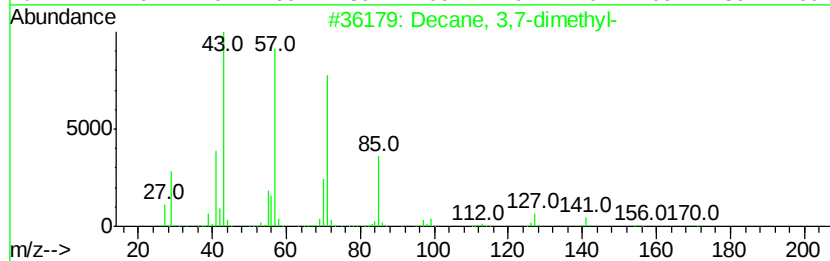
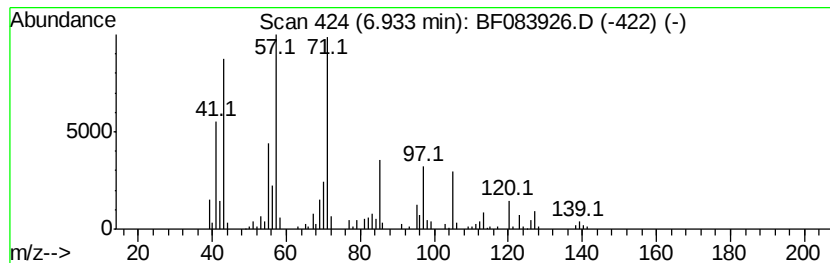
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Peak Number 2 Decane, 3,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	11.18 ng	461972	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	50
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	47
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
4		3-Bromooctane	192	C8H17Br	000999-64-4	43
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38



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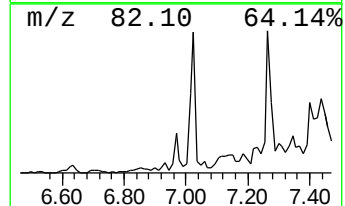
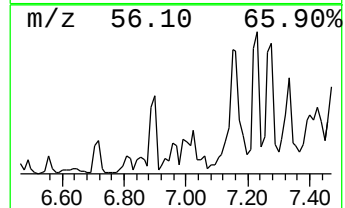
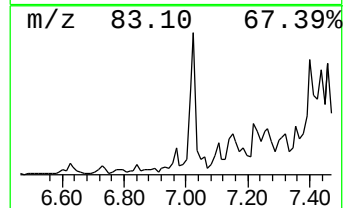
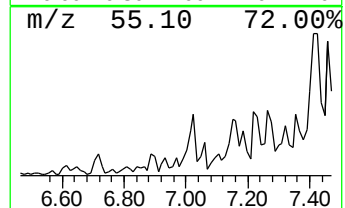
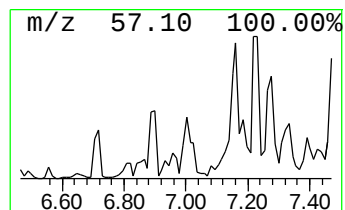
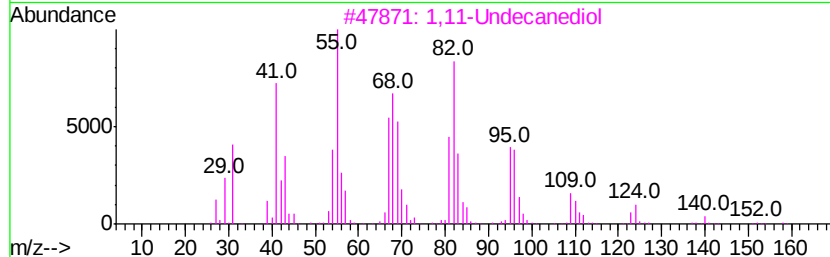
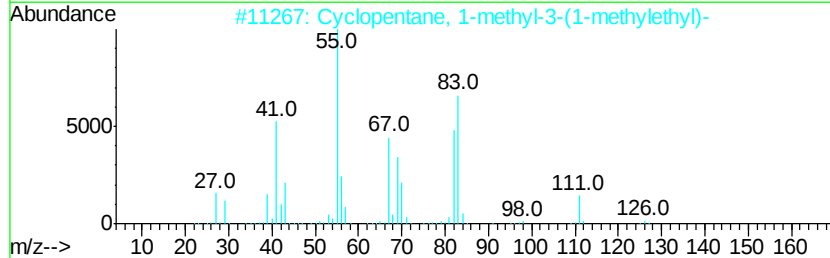
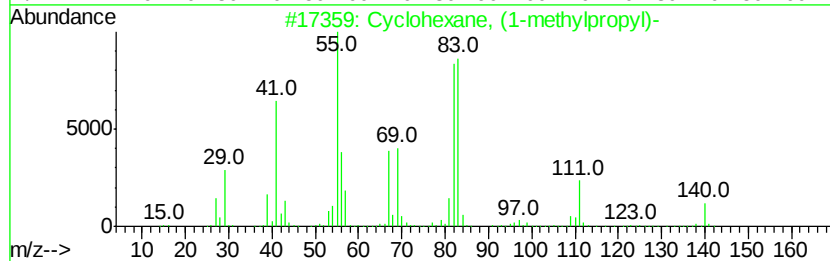
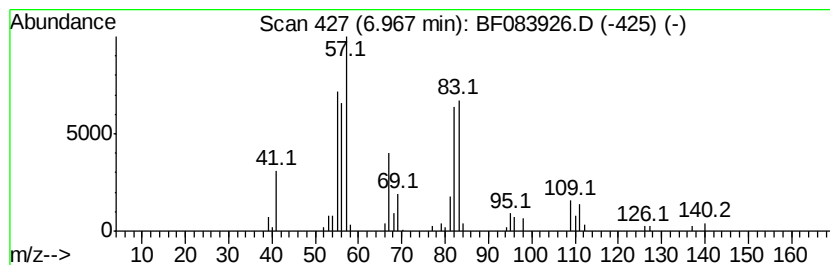
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.97 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	8.84 ng	365099	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	45
2			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	38
3			1,11-Undecanediol	188	C11H24O2	000765-04-8	38
4			Cyclohexaneethanol, .beta.-methyl-	142	C9H18O	005442-00-2	37
5			1,5-Octadiene, 7-methyl-3-(1-met...	166	C12H22	074630-12-9	37



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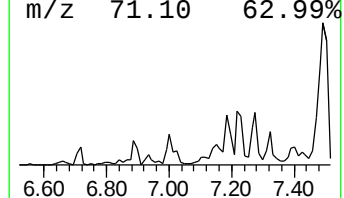
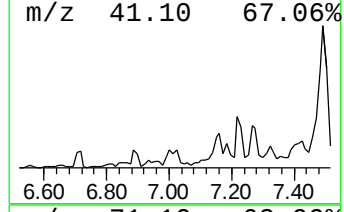
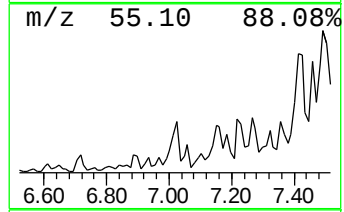
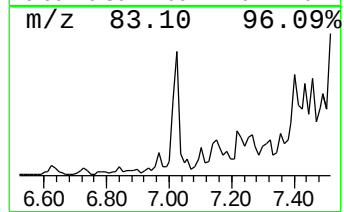
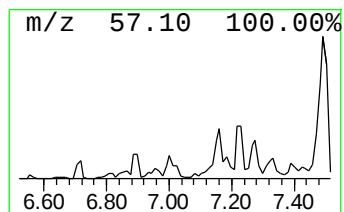
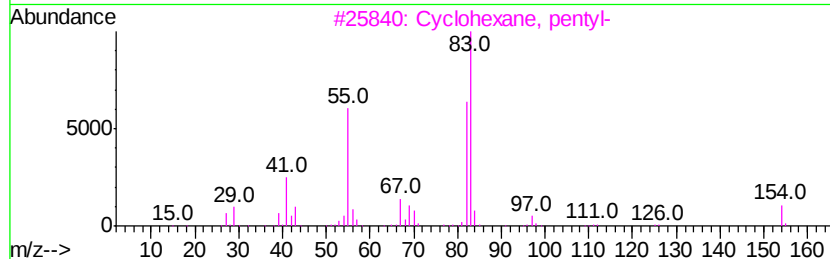
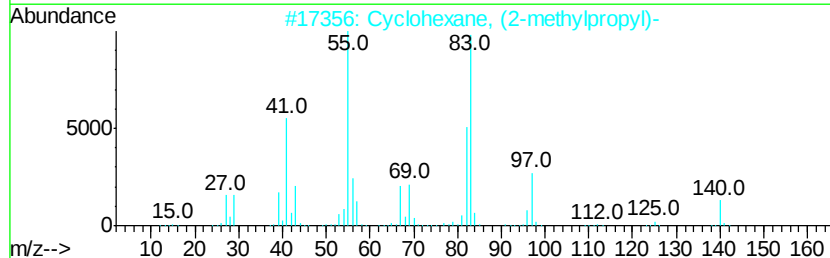
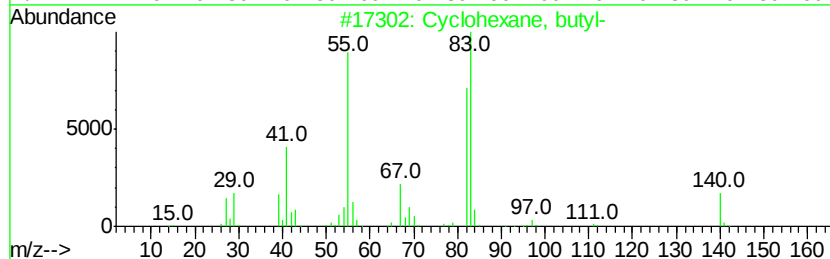
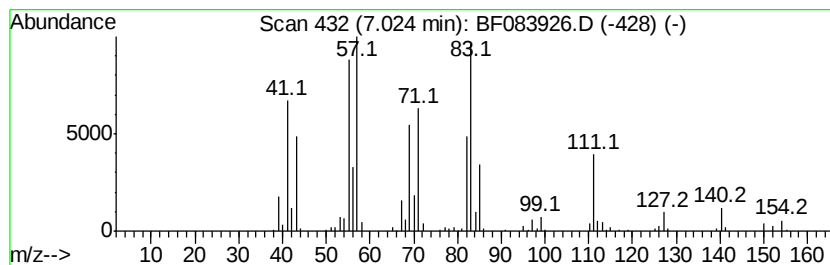
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	41.49 ng	1713980	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	45
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	45
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	42
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	35



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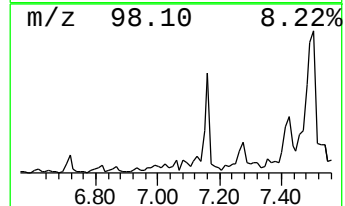
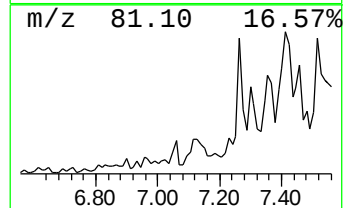
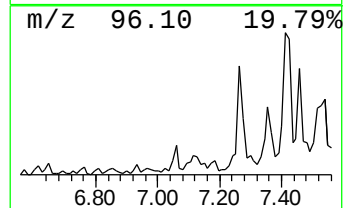
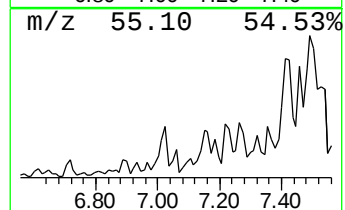
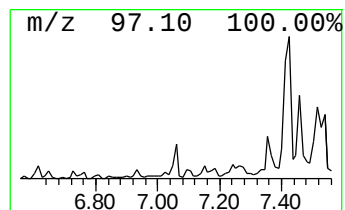
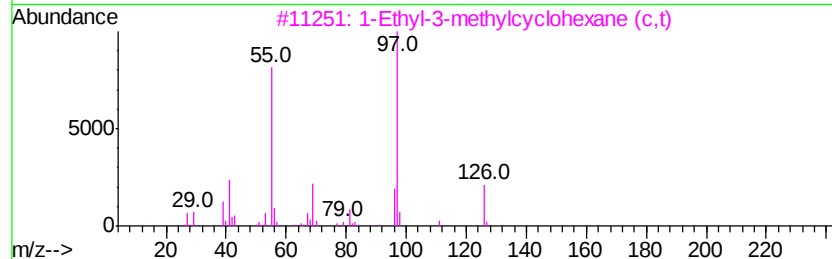
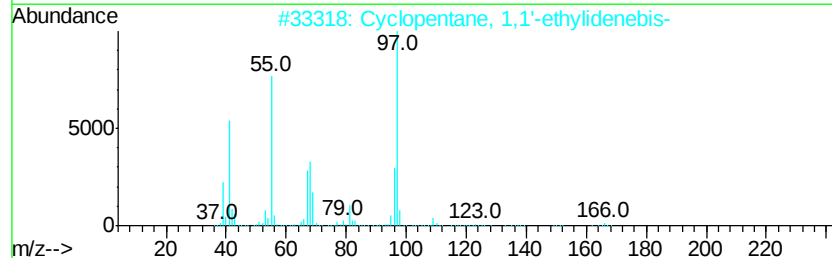
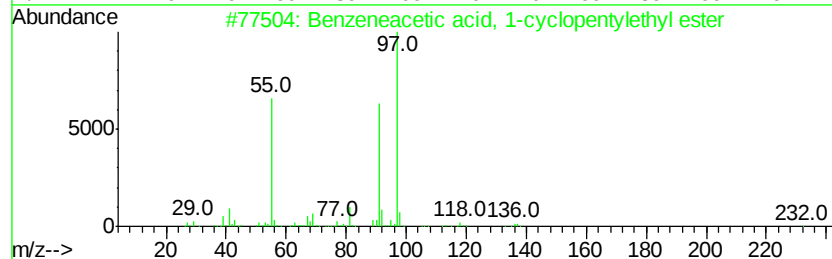
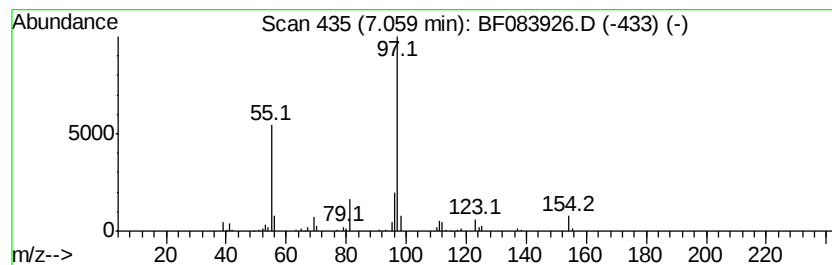
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzeneacetic acid, 1-cyclo... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	8.83 ng	364568	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzeneacetic acid, 1-cyclopentyl...	232	C15H20O2	1000282-63-7	59
2		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	59
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	56
4		Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	45
5		2,4-Hexadienedioic acid, (Z,Z)-	142	C6H6O4	001119-72-8	42



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Acq On : 18 Dec 2015 21:21
Operator : UM/SJ
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Misc :
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ClientSampleId :
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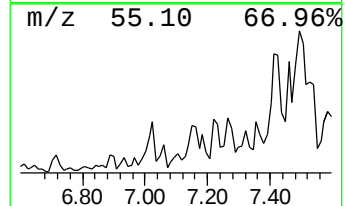
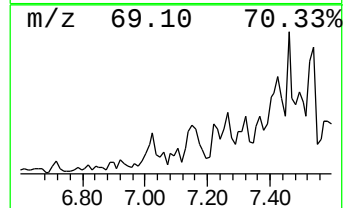
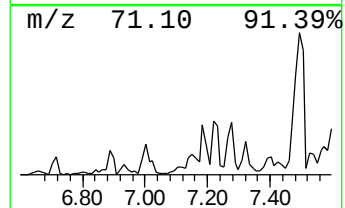
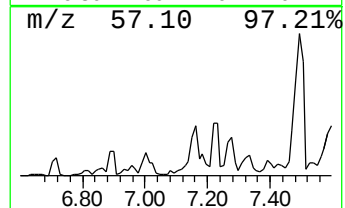
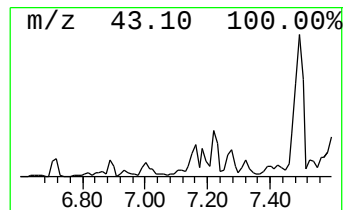
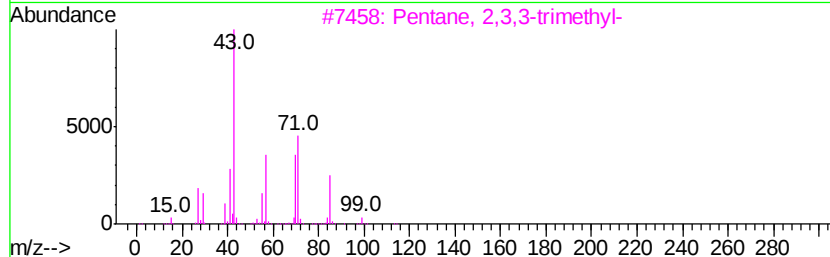
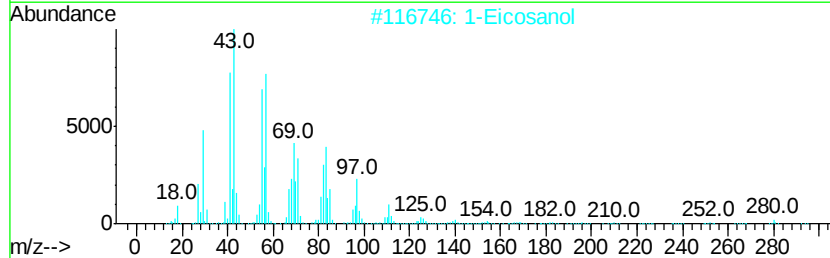
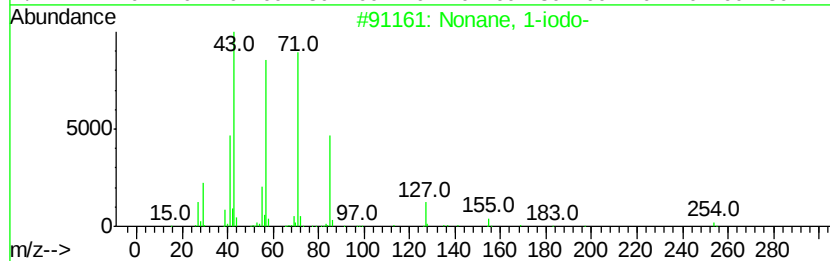
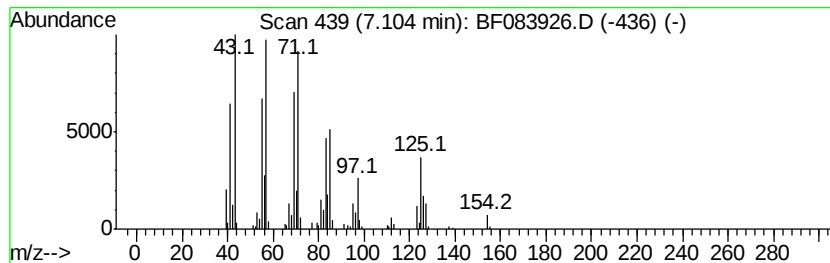
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown7.10 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	16.77 ng	692583	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 1-iodo-	254	C9H19I	004282-42-2	43
2		1-Eicosanol	298	C20H42O	000629-96-9	38
3		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	38
4		1-Hexacosanol	382	C26H54O	000506-52-5	30
5		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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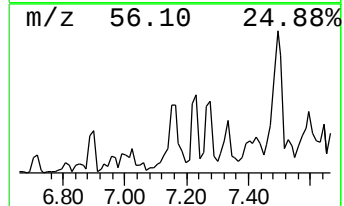
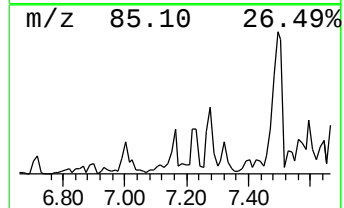
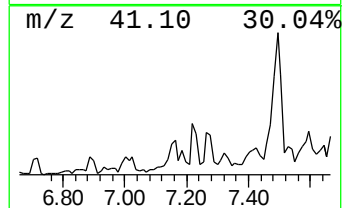
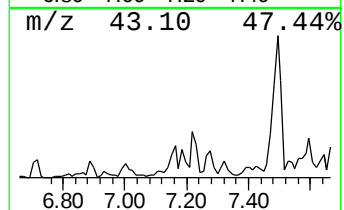
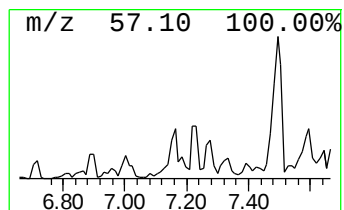
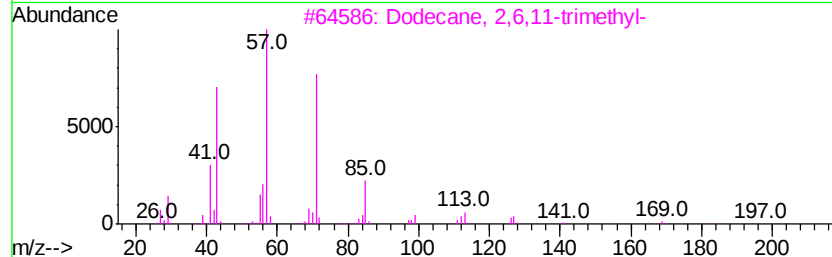
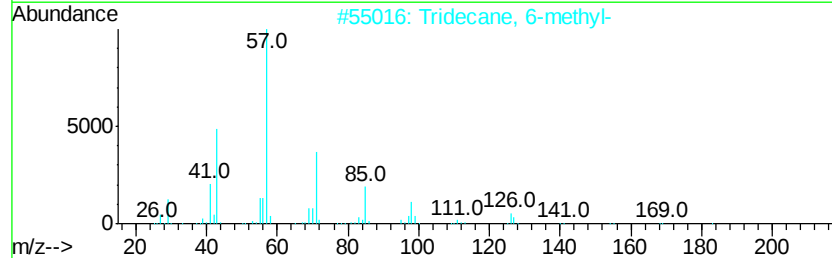
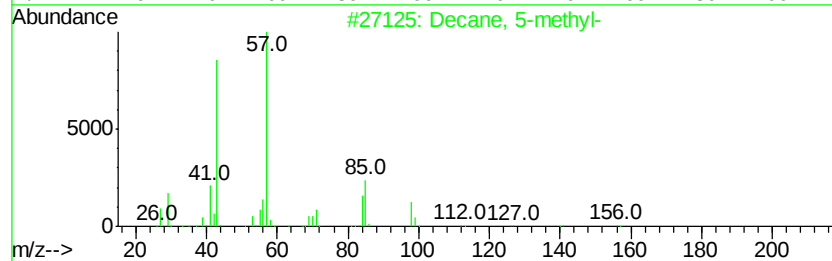
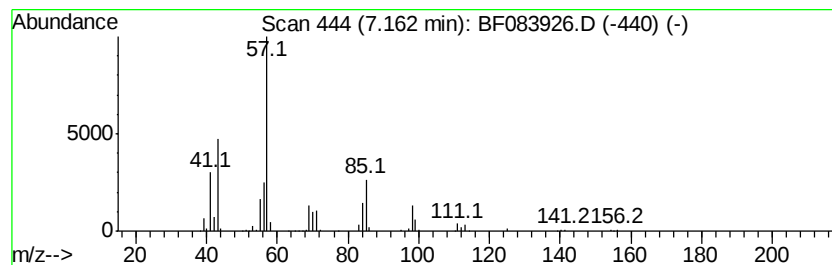
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Decane, 5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	63.35 ng	2616890	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	64	
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59	
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53	
4	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	53	
5	Decane	142	C10H22	000124-18-5	50	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
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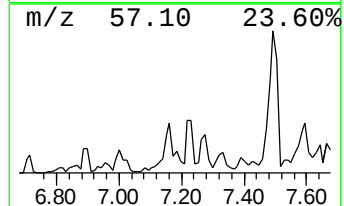
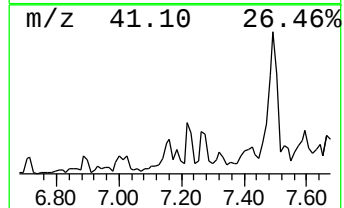
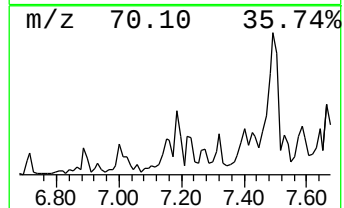
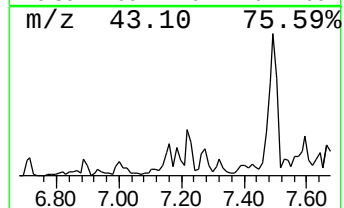
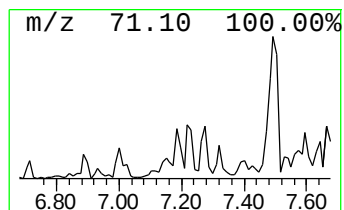
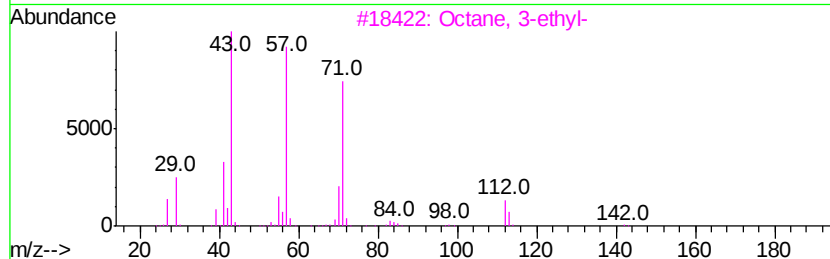
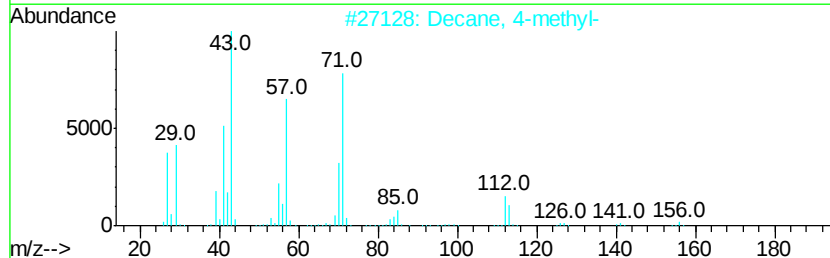
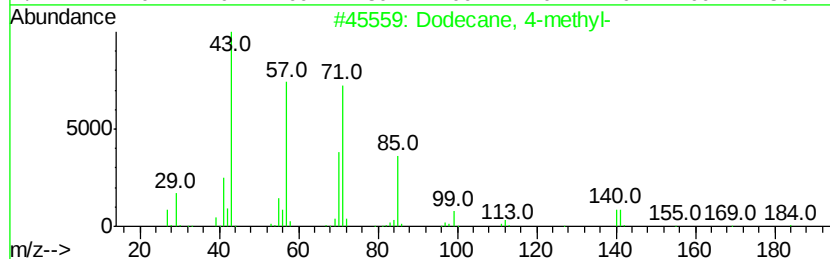
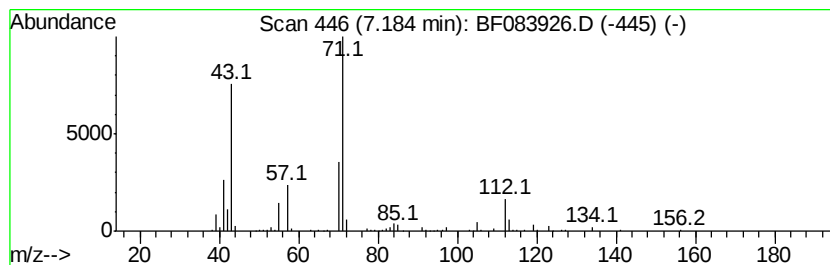
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dodecane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	31.95 ng	1319860	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	78
2		Decane, 4-methyl-	156	C11H24	002847-72-5	64
3		Octane, 3-ethyl-	142	C10H22	005881-17-4	64
4		2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	56
5		Pentane, 1,1'-oxybis-	158	C10H22O	000693-65-2	56



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
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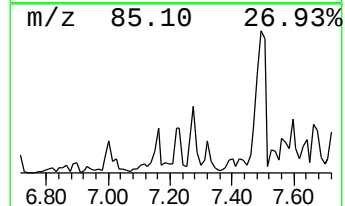
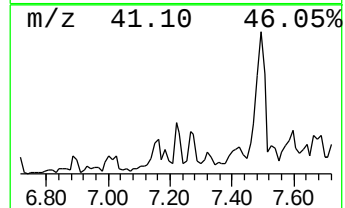
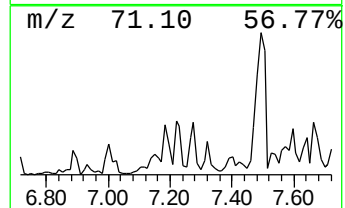
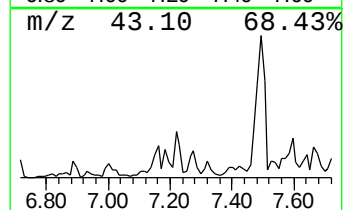
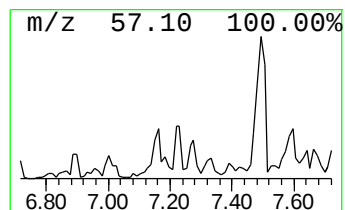
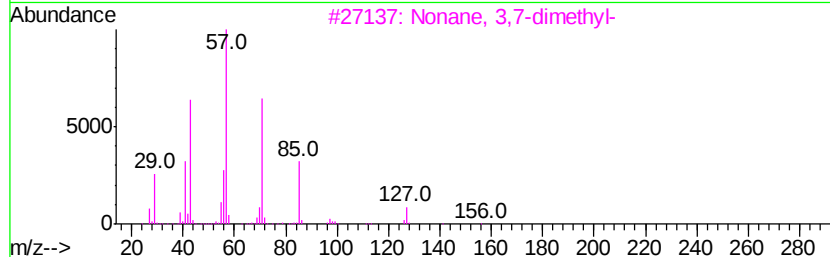
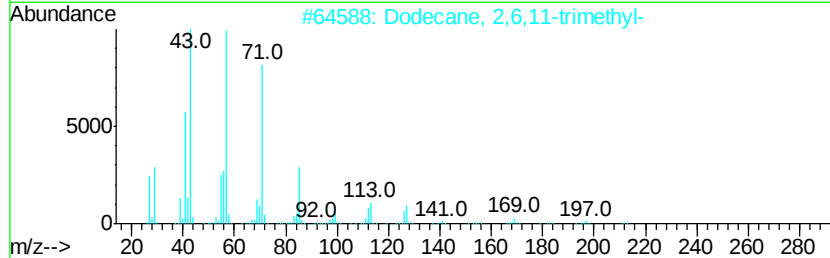
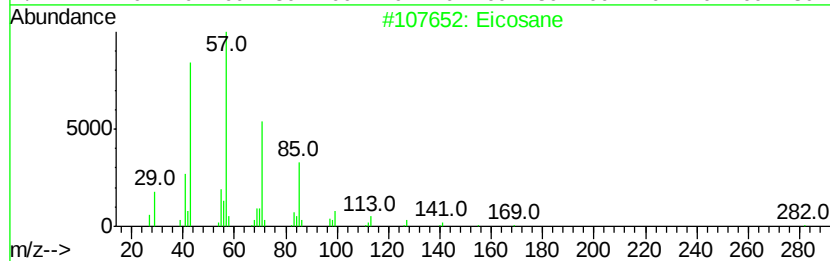
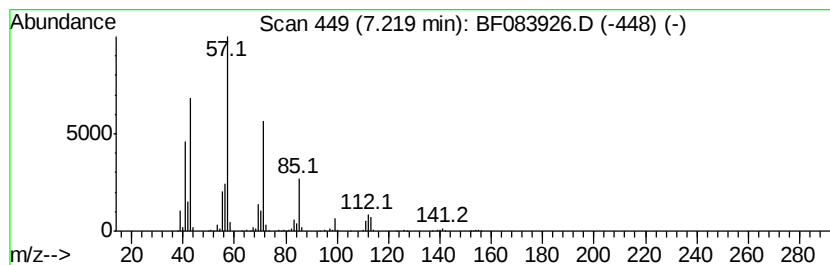
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	57.96 ng	2394340	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	80
2	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	80
3	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	64
4	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	64
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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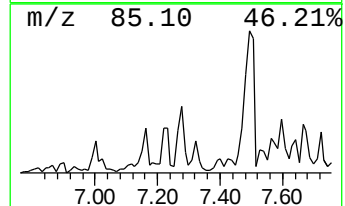
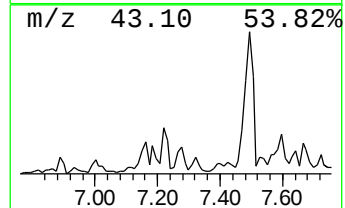
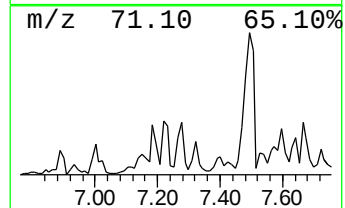
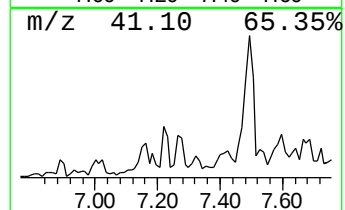
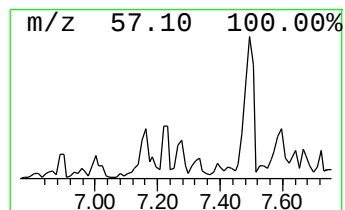
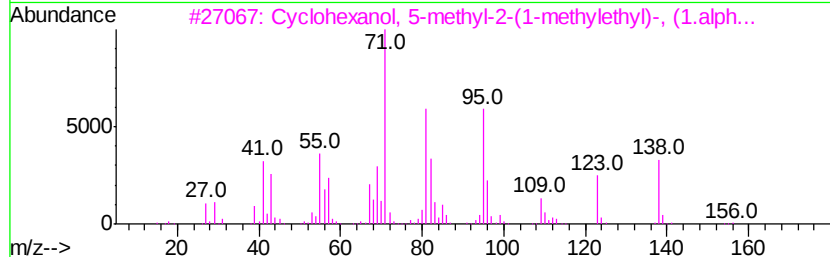
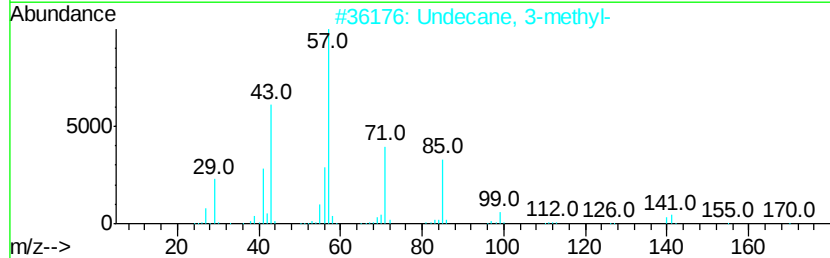
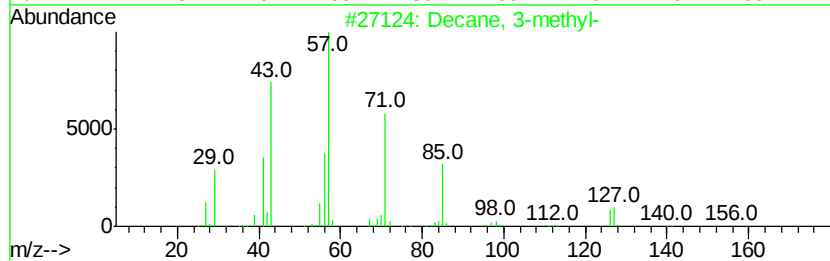
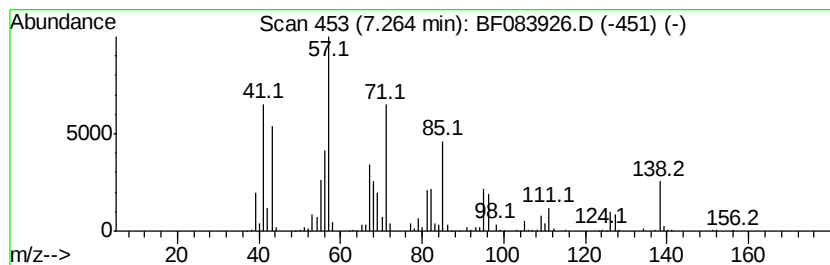
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown7.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	74.52 ng	3078350	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	46
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	38
3		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000089-78-1	35
4		(+)-Isomenthol	156	C10H20O	1000152-08-3	30
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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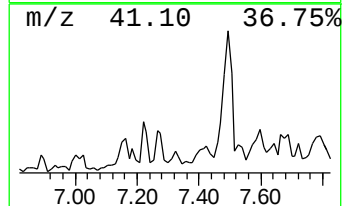
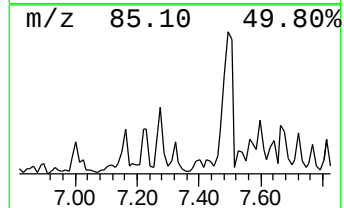
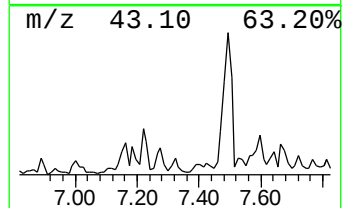
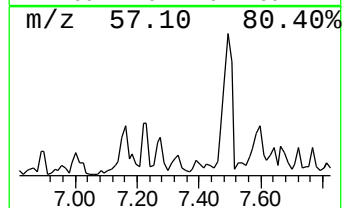
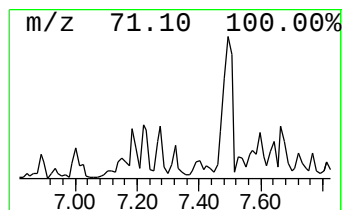
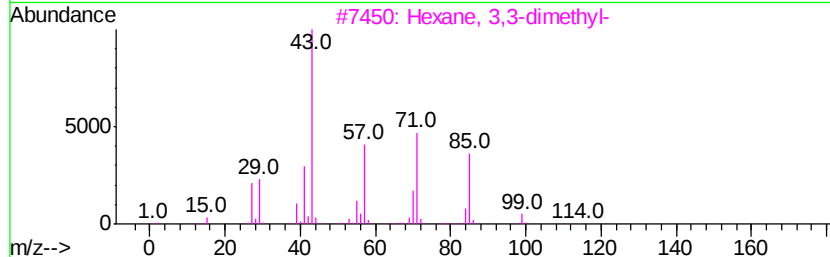
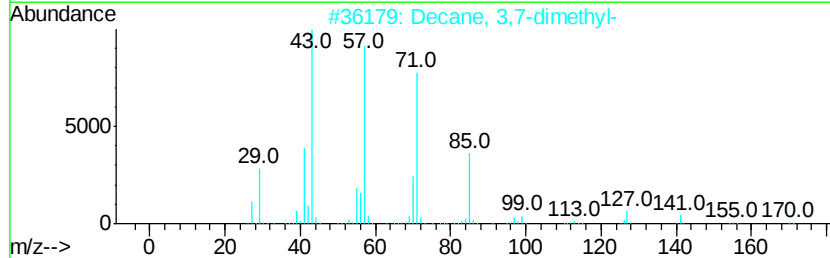
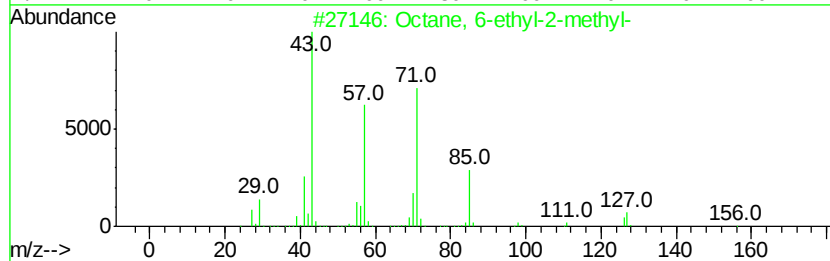
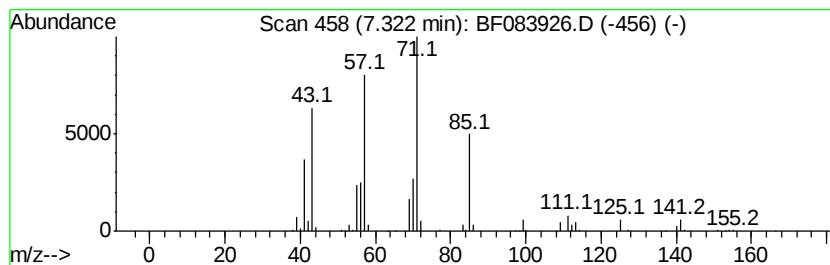
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octane, 6-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	42.26 ng	1745570	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	72
2		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	72
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4		Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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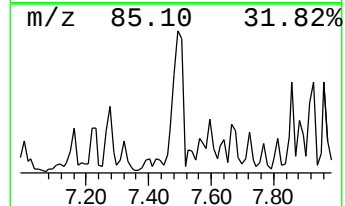
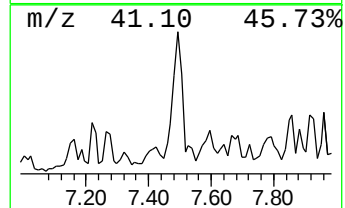
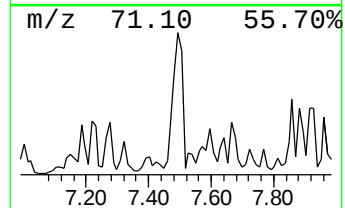
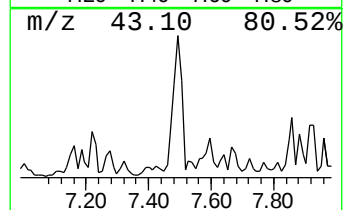
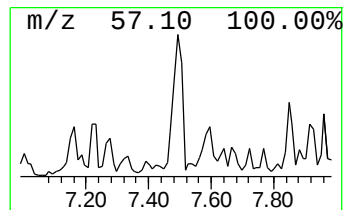
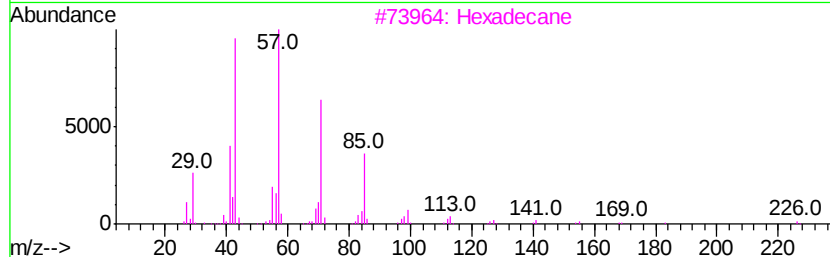
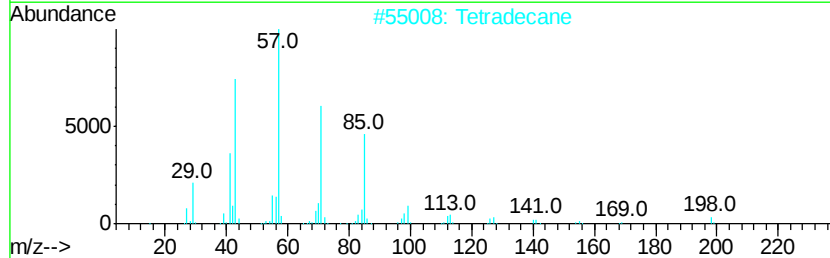
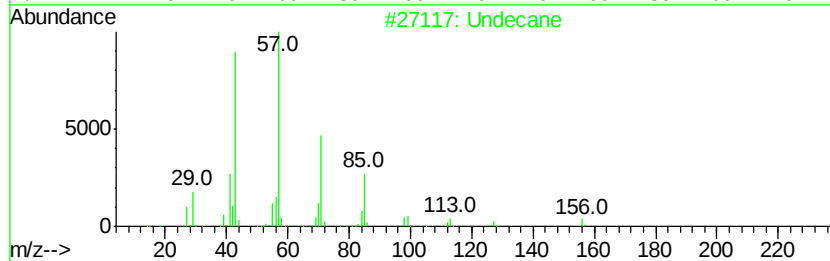
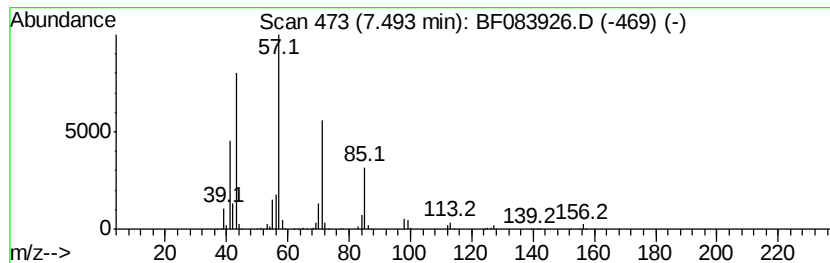
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	246.04 ng	10163500	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	91
2	Tetradecane		198	C14H30	000629-59-4	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Tridecane		184	C13H28	000629-50-5	86
5	Nonane		128	C9H20	000111-84-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083926.D
Acq On : 18 Dec 2015 21:21
Operator : UM/SJ
Sample : G4822-01 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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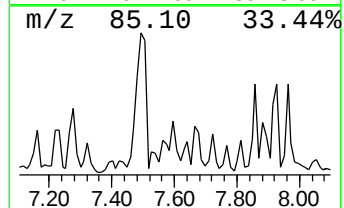
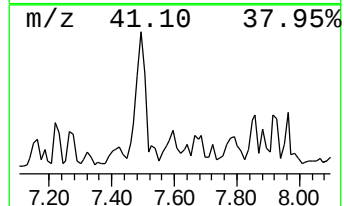
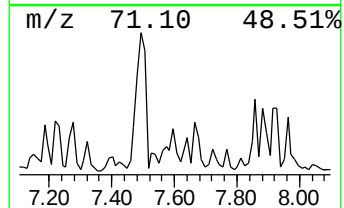
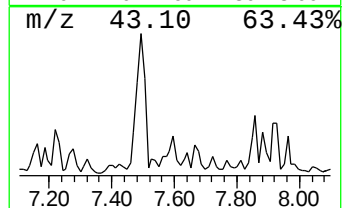
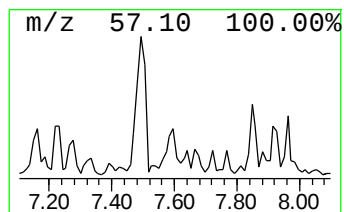
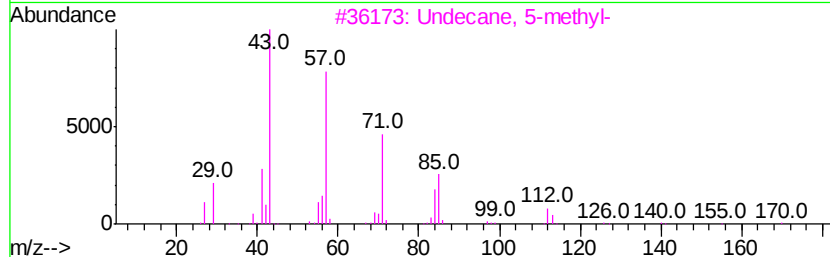
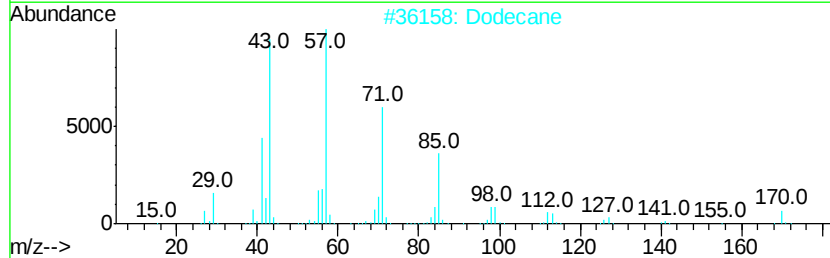
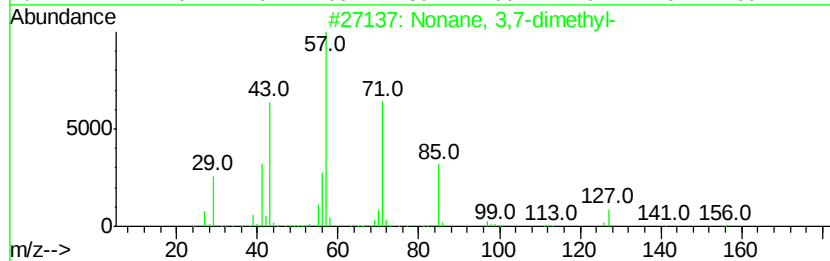
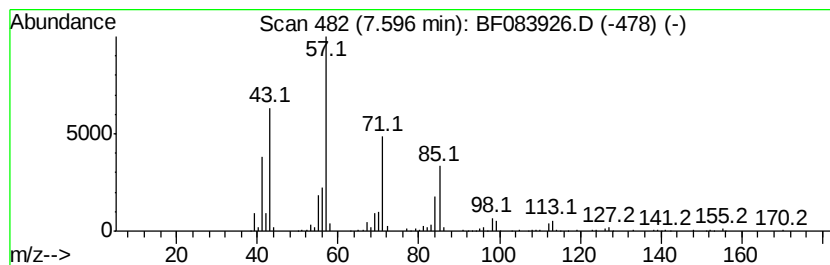
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Nonane, 3,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	10.92 ng	4863420	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
2		Dodecane	170	C12H26	000112-40-3	74
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	68
4		Hexadecane	226	C16H34	000544-76-3	59
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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ClientSampleId :
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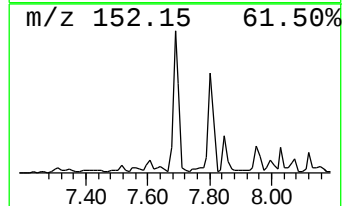
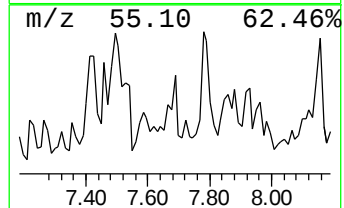
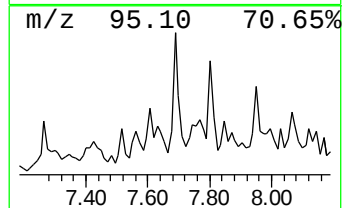
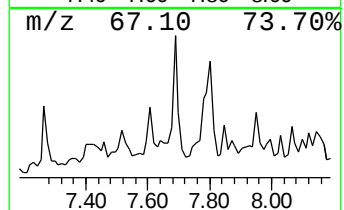
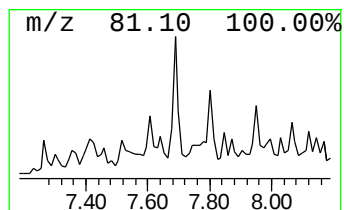
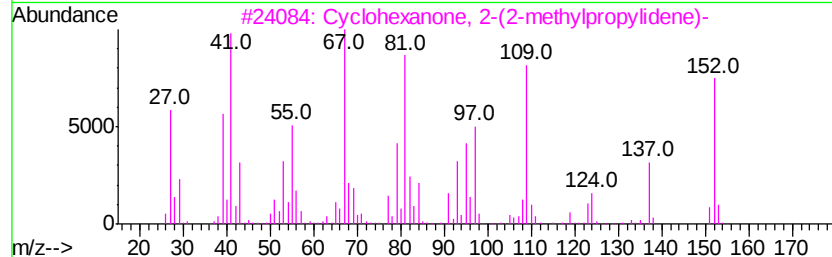
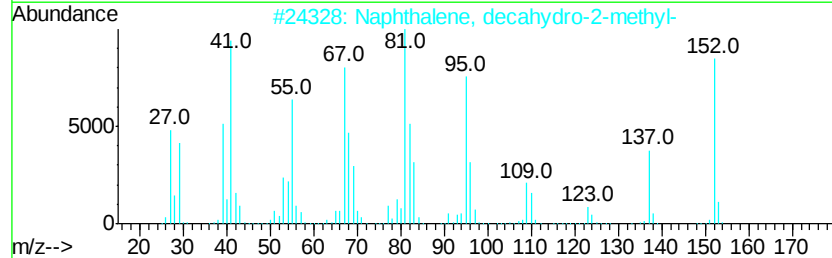
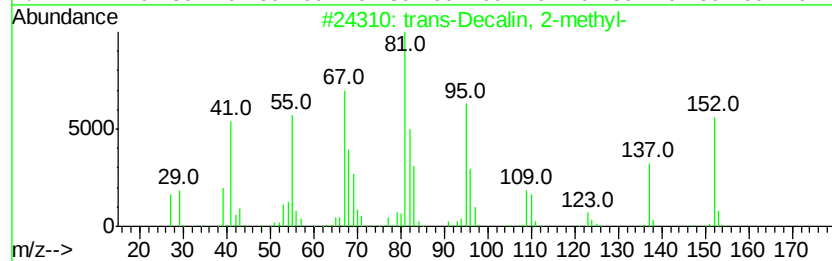
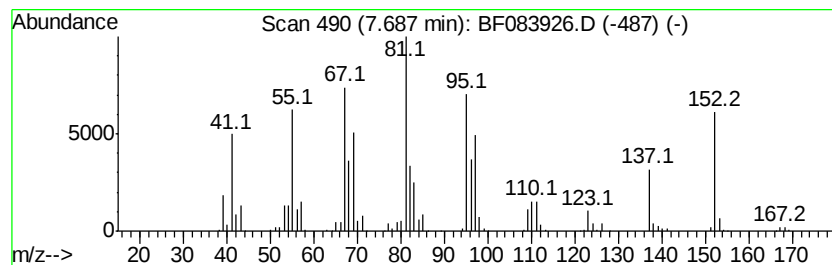
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	10.27 ng	4572150	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3		Cyclohexanone, 2-(2-methylpropyl)-	152	C10H16O	043108-69-6	80
4		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	60
5		Pulegone	152	C10H16O	000089-82-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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Operator : UM/SJ
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Misc :
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ClientSampleId :
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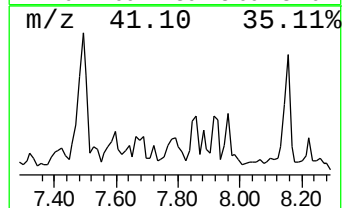
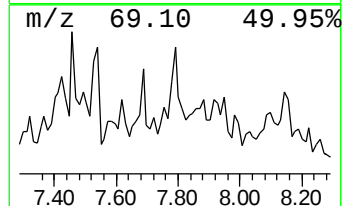
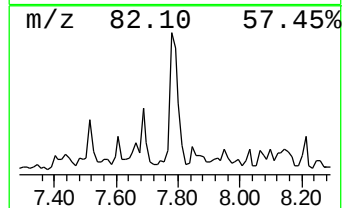
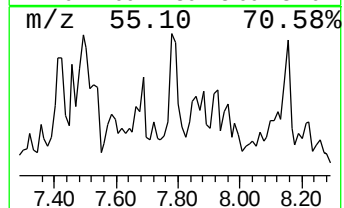
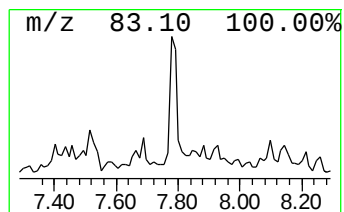
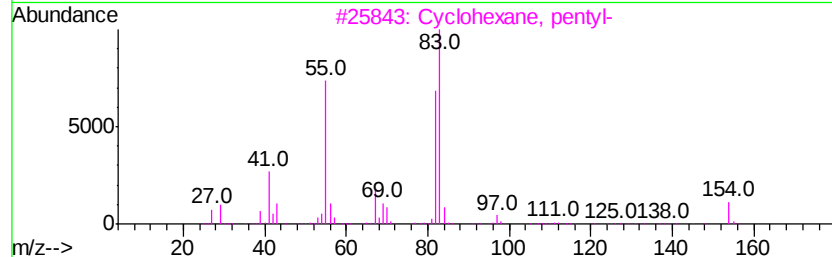
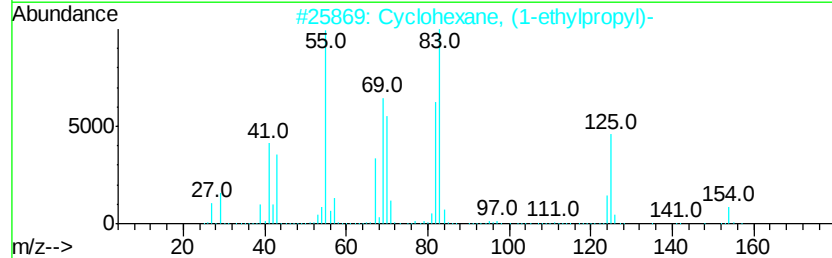
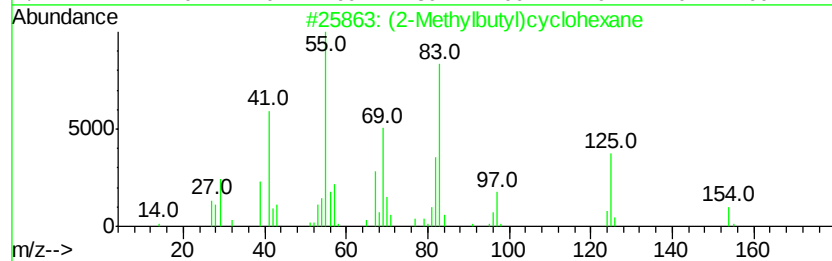
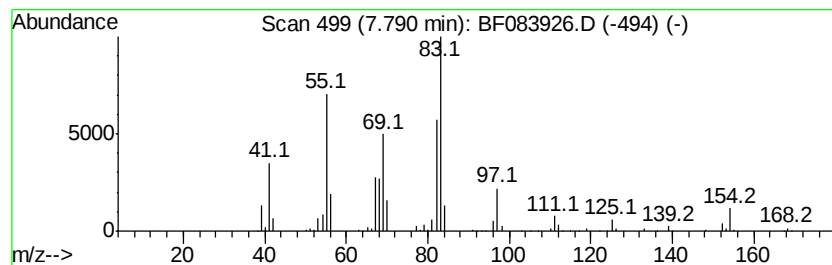
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (2-Methylbutyl)cyclohexane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	14.53 ng	6468490	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	64
2		Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	58
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4		Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	58
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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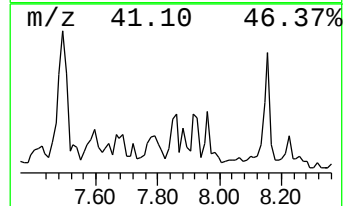
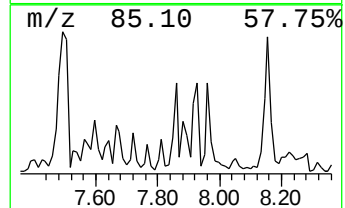
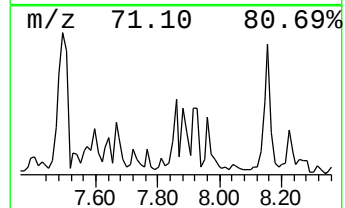
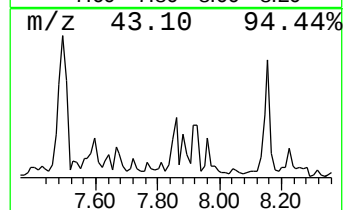
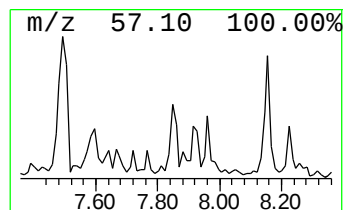
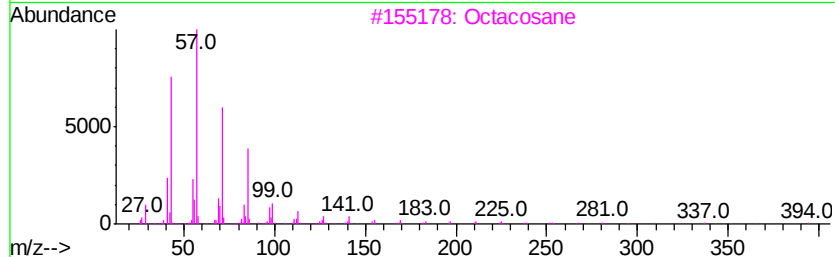
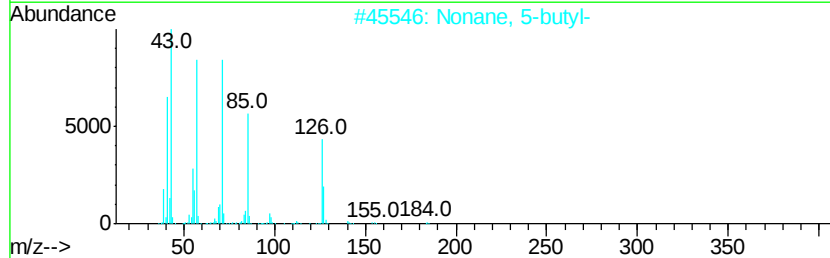
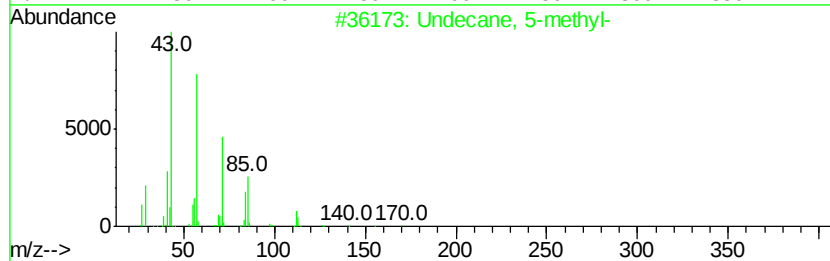
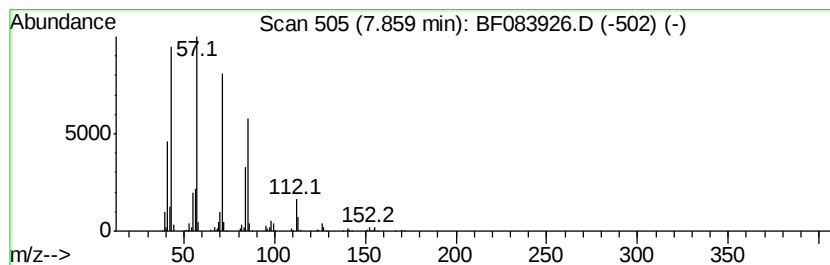
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Undecane, 5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	9.71 ng	4322710	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-methyl-	170	C12H26	001632-70-8	81
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	64
3			Octacosane	394	C28H58	000630-02-4	59
4			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	53
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083926.D
Acq On : 18 Dec 2015 21:21
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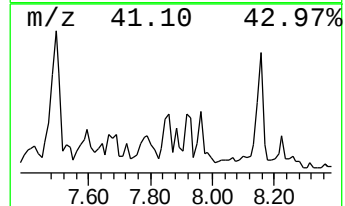
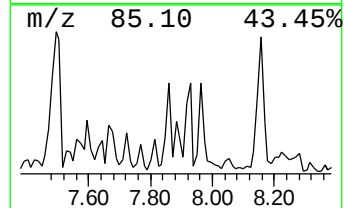
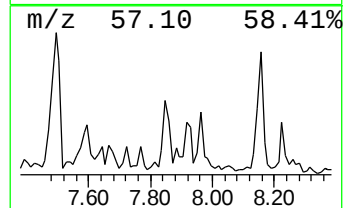
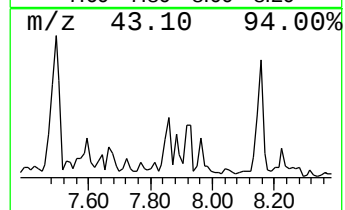
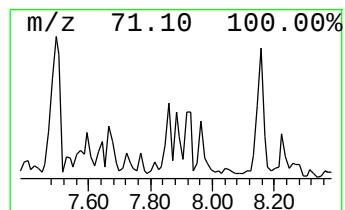
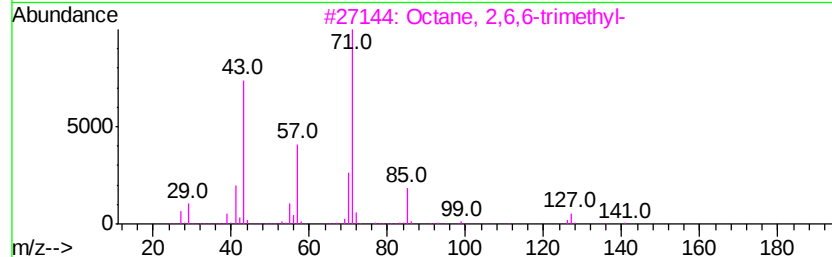
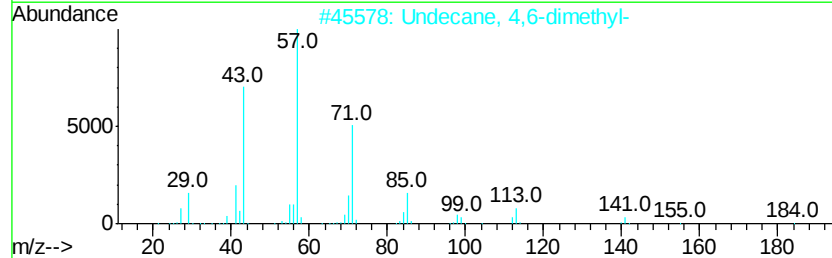
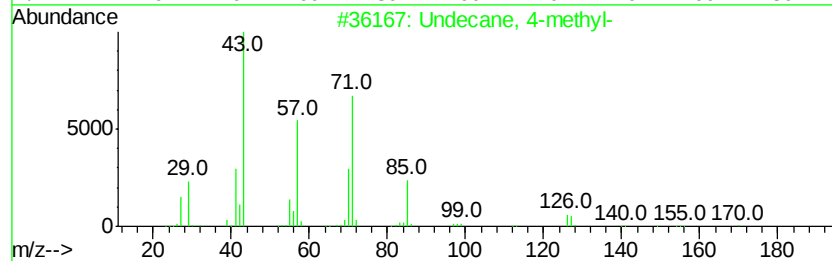
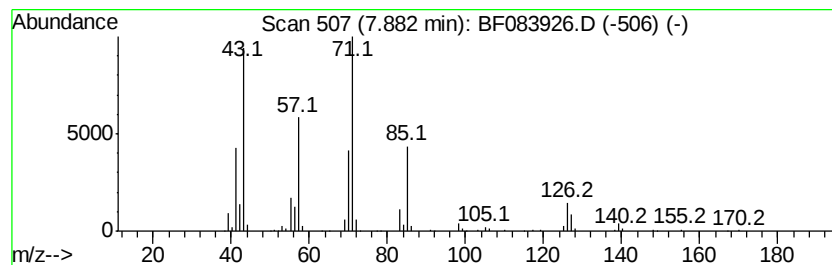
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Undecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	6.08 ng	2706160	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-methyl-	170	C12H26	002980-69-0	64
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
3		Octane, 2,6,6-trimethyl-	156	C11H24	054166-32-4	47
4		1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	47
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083926.D
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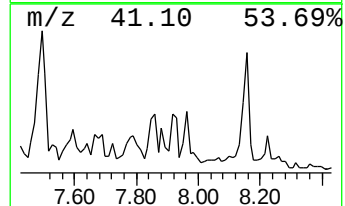
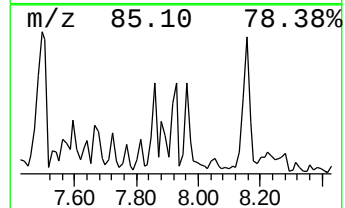
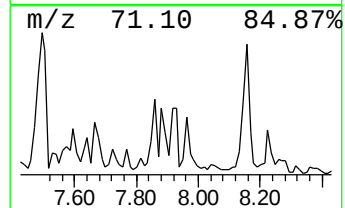
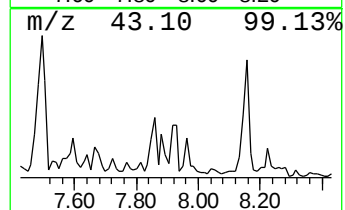
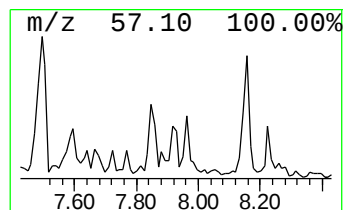
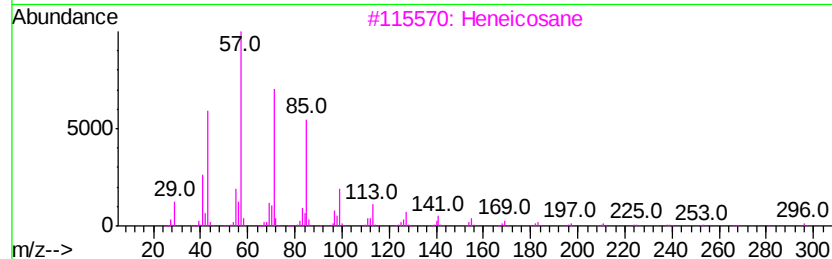
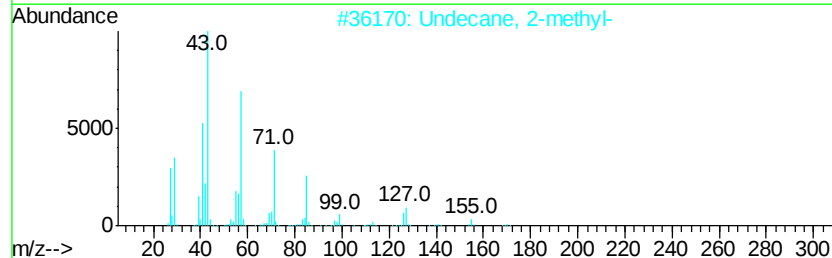
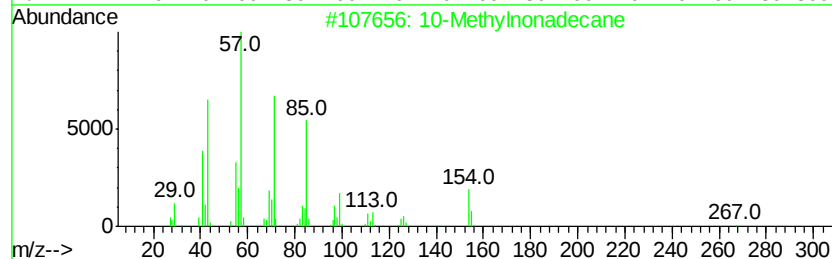
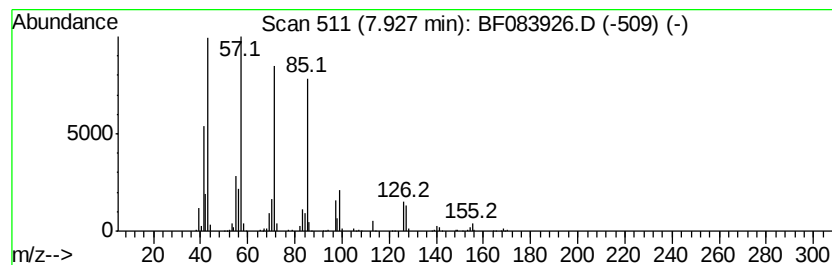
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 10-Methylnonadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	7.77 ng	3460800	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	86
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	76
3		Heneicosane	296	C21H44	000629-94-7	72
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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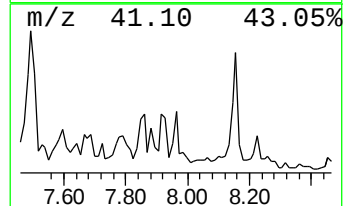
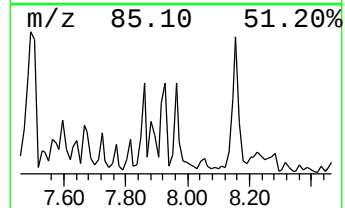
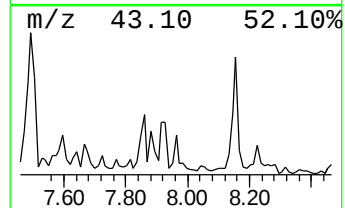
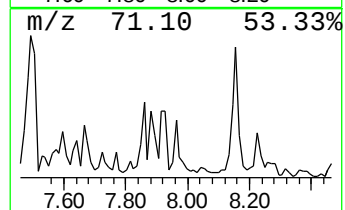
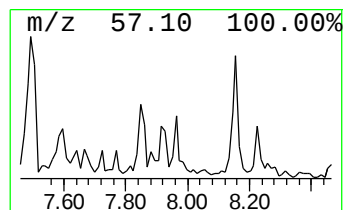
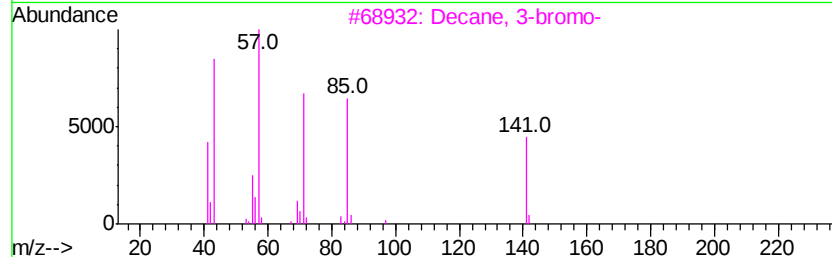
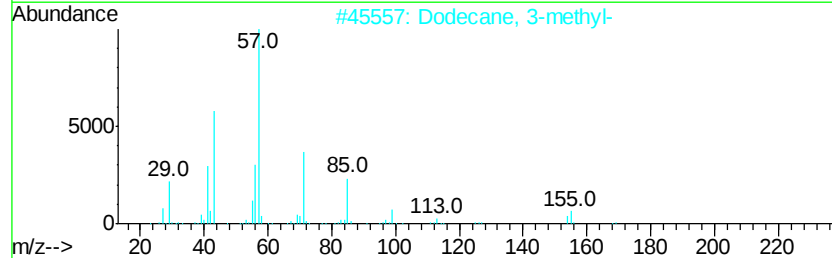
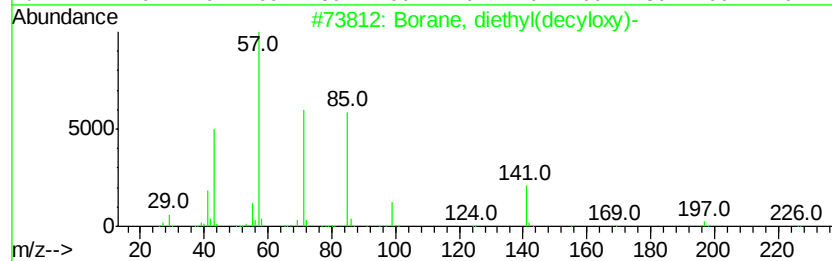
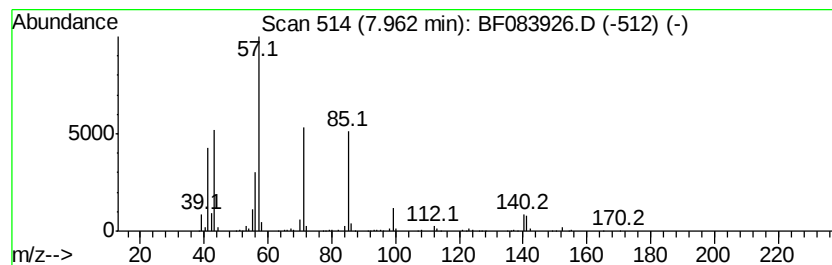
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Borane, diethyl(decyloxy)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	6.68 ng	2974330	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
3			Decane, 3-bromo-	220	C10H21Br	030571-71-2	59
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083926.D
Acq On : 18 Dec 2015 21:21
Operator : UM/SJ
Sample : G4822-01 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9878

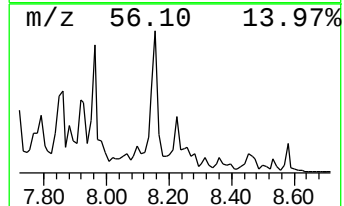
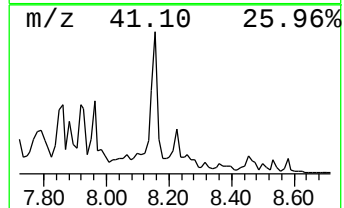
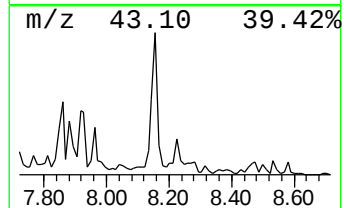
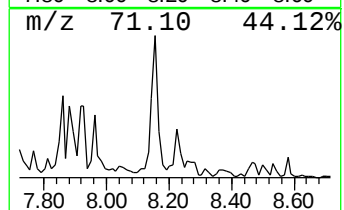
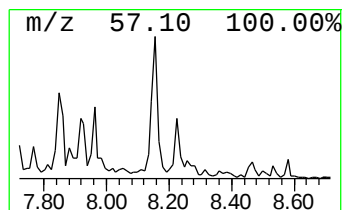
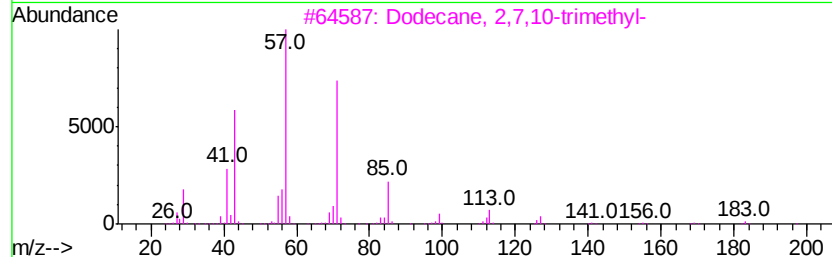
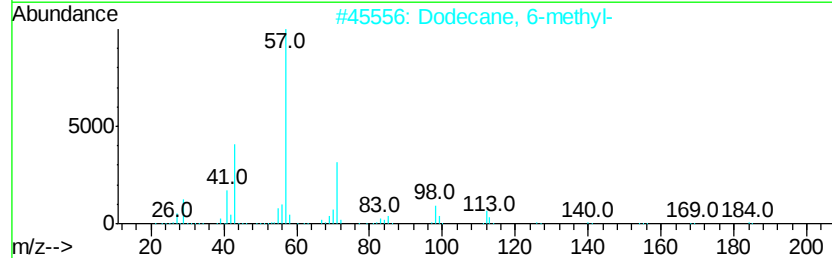
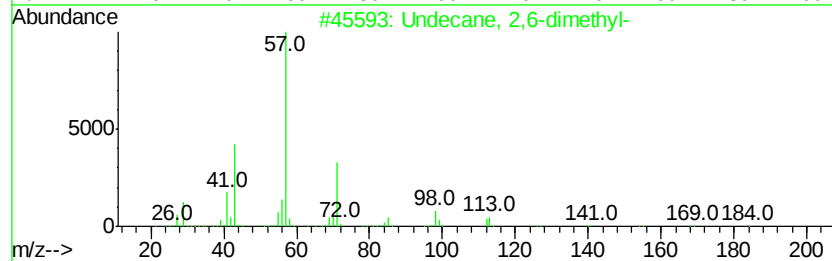
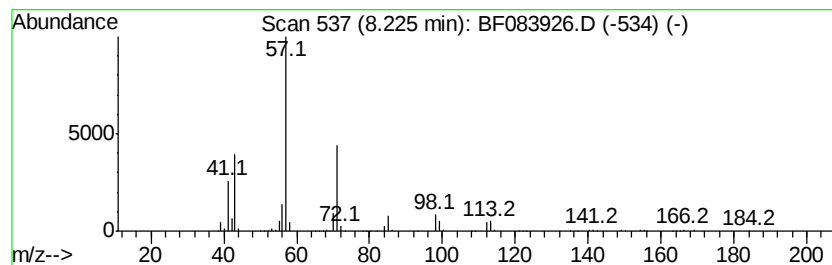
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Undecane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	6.54 ng	2913120	Napthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76		
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	68		
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64		
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64		
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083926.D
 Acq On : 18 Dec 2015 21:21
 Operator : UM/SJ
 Sample : G4822-01 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9878

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	6.72	19.7	ng	813027	1	6.86	826155	20.0
Decane, 3,7-dimet...	6.93	11.2	ng	461972	1	6.86	826155	20.0
unknown6.97	6.97	8.8	ng	365099	1	6.86	826155	20.0
unknown7.02	7.02	41.5	ng	1713980	1	6.86	826155	20.0
Benzeneacetic aci...	7.06	8.8	ng	364568	1	6.86	826155	20.0
unknown7.10	7.10	16.8	ng	692583	1	6.86	826155	20.0
Decane, 5-methyl-	7.16	63.4	ng	2616890	1	6.86	826155	20.0
Dodecane, 4-methyl-	7.18	31.9	ng	1319860	1	6.86	826155	20.0
Eicosane	7.22	58.0	ng	2394340	1	6.86	826155	20.0
unknown7.26	7.26	74.5	ng	3078350	1	6.86	826155	20.0
Octane, 6-ethyl-2...	7.32	42.3	ng	1745570	1	6.86	826155	20.0
Undecane	7.49	246.0	ng	10163500	1	6.86	826155	20.0
Nonane, 3,7-dimet...	7.60	10.9	ng	4863420	2	8.16	8906260	20.0
trans-Decalin, 2-...	7.69	10.3	ng	4572150	2	8.16	8906260	20.0
(2-Methylbutyl)cy...	7.79	14.5	ng	6468490	2	8.16	8906260	20.0
Undecane, 5-methyl-	7.86	9.7	ng	4322710	2	8.16	8906260	20.0
Undecane, 4-methyl-	7.88	6.1	ng	2706160	2	8.16	8906260	20.0
10-Methylnonadecane	7.93	7.8	ng	3460800	2	8.16	8906260	20.0
Borane, diethyl(d...	7.96	6.7	ng	2974330	2	8.16	8906260	20.0
Undecane, 2,6-dim...	8.22	6.5	ng	2913120	2	8.16	8906260	20.0